

**METHOD AND APPARATUS FOR CREATING AND ENFORCING  
PROTECTED SYSTEM LEVEL JAVA CODE**

**ABSTRACT OF THE DISCLOSURE**

According to the preferred embodiments, an object oriented mechanism and method allow creating system level Java code that is protected, and therefore cannot be accessed or extended by unauthorized users or programs. Several new tests are performed during loading, linking, and initialization of a class that assure that the class is as the operating system expects. In addition, one or more runtime tests may be performed to prevent programs from getting into the Java system level code via a runtime "back door." By providing additional tests when classes are loaded and when certain types of methods and functions are invoked at runtime, the Java system level code is protected from unauthorized access and use.

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